

REGULATIONS

A. Undertaking of the Company

1. Scope
 - a. This Guidebook section contains the general regulations and definitions governing private line services furnished by the Company.
 - b. Private line service is the furnishing of Company facilities for communication between specified locations within the Local Access and Transport Areas (LATA) all within the state of Arkansas, 24 hours daily, seven days per week. Facilities may be those of the Company only or those of the Company and other telephone companies.
 - c. The Company does not undertake to transmit messages, but offers the use of its facilities where available to customer for such purposes.
 - d. Services provided under this guidebook shall be used by private line customers for use in obtaining end-to-end private line services. Interexchange Carriers may use services found in this guidebook that will meet their administrative needs; however, an Interexchange Carrier is restricted from utilizing services found in this guidebook to furnish a portion of their authorized service offerings.
 - e. The certificated Company is the sole provider of Intraexchange Private Line Services between different customers. Voice grade intraexchange private lines for use for intraexchange services will only be provided when both customers have local exchange services at their respective premises.
2. Limitations
 - a. In case a shortage of facilities exists at any time, either for temporary or protracted periods, the establishment of Long Distance Message Telecommunications Service and/or regular Local Exchange Telephone Services shall take precedence over all other services and uses.
 - b. Service under this Guidebook is subject to the availability of facilities.
 - c. The use and restoration of service shall be in accordance with Part 64, Subpart D, Appendix A of the Federal Communications Commission's Rules and Regulations, which specifies the priority system for such activities.
 - d. Subject to compliance with the above mentioned rules, where a shortage of channels or equipment exists at any time either for temporary or protracted periods, the establishment of Long Distance Message Telecommunications Service shall take precedence over all other services.

REGULATIONS (cont'd)**A. Undertaking of the Company (cont'd)****3. Liability**

- a. In view of the fact that the customer has exclusive control of his communications over the facilities furnished him by the Company, and of the other uses for which facilities may be furnished him by the Company, and because of unavoidable errors incident to the services and to the use of such facilities of the Company, the services furnished, by the Company, are subject to the terms, conditions, and limitations herein specified and to such particular terms, conditions and limitations as are set out in other Parts of this Guidebook governing the respective services.
- b. The liability of the Company for damages arising out of mistakes, omissions, interruptions, delays, or errors or defects in transmission occurring in the course of furnishing service, whether the result of the negligence of the Company' or other causes shall in no event exceed an amount equivalent to the proportionate charge to the customer for the service during the period in which such mistake, omissions, interruption, delay, error, or defect in transmission occurs and continues.

However, any such mistakes, omissions, interruptions, delays, errors or defects in transmission or service which are caused or contributed to by the negligence or willful act of the customer or authorized user, or which arise from or in connection with the use of customer premises facilities or equipment shall not result in the imposition of any liability whatsoever upon the Company. (C)

- c. The customer or authorized user indemnifies and saves the Company harmless against claims for libel, slander or the infringement of copyright arising from the material transmitted over the facilities; against claims for the infringement of patents arising from combining with, or used in connection with, facilities of the Company apparatus and systems of the customer or authorized user; and against all other claims arising out of any act or omission of the customer or authorized user in connection with the facilities provided by the Company. (C)
(C)
(C)
- d. The Company does not guarantee nor make any warranty with respect to equipment provided by it for use in an explosive atmosphere. The customer or authorized user indemnifies and holds the Company harmless from any and all loss claims, demands, suits, or other actions, or any liability whatsoever, whether suffered, made, instituted or asserted by the customer or authorized user, or by any other party or persons for any personal injury to or death of any person or persons, and for any loss, damage or destruction of any property, whether owned by the customer or authorized user, or others, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, removal, presence, condition, location or use of said equipment so provided. (C)
(C)
(C)

The Company may require each customer to sign an agreement for the furnishing of such equipment as a condition precedent to the furnishing of such equipment.

REGULATIONS (cont'd)**A. Undertaking of the Company (cont'd)**

3. Liability (cont'd)
 - e. When the lines of connecting companies are used in establishing connections to points not reached by the Company's lines, the Company is not liable for any act or omission of the connecting company or companies.
 - f. The Company is not liable for any defacement of or damage to the premises of a customer or authorized user, resulting from the furnishing of channel facilities furnished by the Company on such premises or by the installation or removal thereof, when such defacement or damage is not the result of negligence of the agents or employees of the Company. (C)
4. Provision of Facilities
 - a. The Company or the Company and other telephone companies with which it jointly furnishes service will provide, maintain and repair all facilities necessary for private line service, except that the customer or authorized user will provide his own terminal equipment or communications systems for use with such service as specified in paragraph F. *Connections*. (C)
 1. When a private line service is used for teletypewriter transmission, the teletypewriter equipment will be provided by the customer or authorized user. (C)
 2. When a private line service is used for data transmission which requires terminal equipment (data sets), such data sets will be provided by the customer or authorized user, except that the Company shall furnish all equipment located on the Company premises. Where the customer or authorized user provides his own data set(s) on a private line, it shall be the responsibility of the customer or authorized user to insure the continuing compatibility of such data set(s) with the facilities furnished by the Company. (C)
 3. Private Line Service is offered where existing facilities and operating conditions permit.
 - b. The charges specified in this Guidebook do not contemplate installation, maintenance, or repair work being performed by the Company employees involved at a time when overtime wages apply as a result of customer or authorized user requests, nor do they contemplate work once begun being interrupted by the customer or authorized user. (C)

If the customer requests that labor be performed at hours of the day or days of the week other than normal work hours or days, or on holidays, or interrupts work once begun, an additional charge based on the additional costs involved applies. Such charges do not apply if sufficient advance notice is given so that employees' work schedules can be changed. The additional charge does not apply to overtime or premium time worked at the Company's convenience.

In situations where the customer requests that "standby" Company personnel be provided for installation or maintenance irrespective of when such "standby" workmen are provided, the additional estimated cost of providing such "standby" personnel will be billed to the customer.

REGULATIONS (cont'd)**A. Undertaking of the Company (cont'd)**

4. Provision of Facilities (cont'd)
 - c. Services used exclusively with terminal equipment will be provided for intercommunication between station locations in different buildings on different premises where facilities exist and conditions permit.
 - d. Facilities furnished by the Company on the premises of a customer or authorized user are the (C) property of the Company, whose agents and employees shall have the right to enter said premises at any reasonable hour for the purpose of installing, inspecting or repairing the lines, or upon termination of the service, for the purpose of removing such lines.
 - e. When serving office boundary realignments are necessary at the discretion of the Company, those private line services affected by the change will be reconfigured, and this may result in increases or decreases in charges. Any change in the charges billed to a private line customer will become effective when the service office area transfer is made.
 - f. The placement of the Demarcation Point shall be located in a manner consistent with federal and state regulatory requirements. This location will be at each customer's premises, unless specified otherwise by the customer or building/land owner and agreed to by the Company.
5. Protective Equipment

When a hazardous electrical environment is present at a customer's or authorized user's premises, protective equipment is required to protect all facilities affected when the estimated rise in ground potential is sufficient to cause damage to Company facilities or to endanger the safety of its employees or customers. New or existing customers may provide their own protective equipment, subject to the rules and regulations for Special High Voltage Protection Service and Equipment found in Part 8, Section 8. (C)

6. Application for Private Line Service

Any applicant for private line service may be required to sign an application requesting the Company to furnish the service in accordance with rates, charges, rules and regulations as specified in this Guidebook.

7. Special Channel Equipment and Arrangements

- a. When the customer or authorized user requests a service arrangement which requires the installation of special channel equipment or modification of standard channel equipment, and for which provision is not otherwise made in this Guidebook, it can be furnished by the Company at additional rates and charges. (C)
- b. When the customer requests additional regulated entrance facilities and/or demarcation arrangements beyond the maximum of one provisioned with the Private Line service, it can be furnished by the Company at additional rates and charges.

REGULATIONS (cont'd)**B. Use**

A private line service may be used for one or more of the purposes specified in B.1. below. When a private line service is arranged for use by authorized users, the users shall be permitted to use such service in the same manner as the customer as specified in B.1. (C)

1. Authorized Use

- a. Authorized user may use private line services for one or more of the following purposes:
 1. For the transmission of communications to or from the customer and relating directly to the customer's business.
 2. For the transmission, to all stations simultaneously, of communications which relate directly to matters of common interest to the customer and the authorized users when those connected to the service are all in the same general line of business. (C)
 3. For the transmission of communications relating directly to the business of subsidiary corporation over which the customer or authorized user exercises control through the ownership of more than 50 percent of the voting stock. (C)
 4. For the transmission of communications to or from any station on a service furnished to a Department or Agency of the United States Government when the head of the Department or Agency, or his duly authorized representative, notifies the Company in writing that the use is intended only for official United States Government business.
 5. For the transmission of communications to, from, within, and between air carriers where the customer is an aeronautical communications company licensed under the Aviation Services rules of the Federal Communications Commission to operate stations in the aeronautical mobile and fixed services.
 6. Where the customer is an organized stock or commodity exchange, for the transmission of communications to or from an exchange member located on the floor of such exchange and relating directly to the business of the member.
 7. Where the use of the service relates to coordination or exchange of electrical pooled power, for the transmission of communications between any two or more stations of such service or similar services furnished to others who are parties to the coordinating or exchange arrangement.
 8. For the transmission of communications to, from and/or between users, utilizing premises switching equipment, within a multiline terminating system area. The premises switching equipment may be furnished under a resold or sharing arrangement.

REGULATIONS (cont'd)**B. Use (cont'd)**

2. Resale of Use for Others

Private Line Service shall not be used for any purpose for which a payment or other compensation shall be received by either the customer or authorized user, or in the collection, transmission, or delivery of any communications for others. This provision does not apply for the following: (C)

a. Shared Cost of Private Line Service in a Resold or Shared Arrangement

1. Shared Arrangement Within A Multiline Terminating System Area

- a. Private Line Service may be shared, subject to the regulations set forth herein, in a long term arrangement between the customer and users. The customer may, but does not have to, use that Private Line Service.
- b. Sharing arrangements must be nonprofit. The allocation of charges to each participant shall be on a nonprofit pro rata basis.

Where the customer for a sharing arrangement is organized as a nonprofit entity, a not for profit fee, charged solely for the management of the sharing arrangement, may be allocated by the customer among the sharing participants.

- c. The Company shall not be responsible for the allocation of usage of, or charges for, shared Private Line Service. Orders including those which involve the start, rearrangement, release or discontinuance of service, will be accepted by the Company only from the customer.

2. An arrangement between the customer or authorized users to share the cost of a private line service. (C)

- b. Composite Data Service Vendor's premises where one type of service may be provided for the exclusive use of the Composite Data Service Vendor's management or employees and another type of service may be provided for the use of the patrons of the Composite Data Service Vendor.

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PART 15 - Dedicated Communications Services
SECTION 1 - General

1st Revised Sheet 7
Replacing Original Sheet 7

REGULATIONS (cont'd)

(D)

REGULATIONS (cont'd)**C. Obligation of the Customer****1. Customer Responsibilities**

In addition to other rules and regulations the customer shall be responsible for:

- a. Establishing his identity in the course of any communication as often as may be necessary.
- b. Establishing the identity of the person or persons with whom connection is made at the called station.
- c. Damages to facilities of the Company caused by the negligence or willful act of the customer or authorized user and not due to ordinary wear and tear, or other causes beyond the control of the customer. (C)
(C)
- d. Reimbursing the Company for any loss through theft of any apparatus or wiring installed by the Company on the customer's or authorized user's premises. (C)
- e. The provision of appropriate power including the outlet and power wiring when the Company equipment installed on the premises of a customer or authorized user requires power for its operation. (C)
- f. Furnishing and maintaining poles and/or underground facilities on private property. The customer is also responsible for the provision of space, supporting structures, opening and closing of trenches, and on premises conduit for Company equipment located on the premises of the customer or authorized user. (C)
- g. The provision, installation and maintenance of sealed conduit with explosive-proof fittings between equipment furnished by the Company in explosive atmospheres and points outside the hazardous area where connection may be made with regular facilities of the Company, and may be required to install and maintain Company equipment within the hazardous area if, in the opinion of the Company, injury or damage to Company employees or property might result from installation or maintenance by the Company.
- h. Obtaining permission for Company agents or employees to enter the premises of the customer or authorized user at any reasonable hour for the purpose of installing, inspecting, repairing, or upon termination of the service, removing the facilities of the Company. (C)
- i. Making all Company Private Line facilities available for maintenance purposes at a time agreeable to both the Company and the customer or authorized user. No allowance will be made for the period during which the service is interrupted for such purposes. (C)

REGULATIONS (cont'd)**C. Obligation of the Customer (cont'd)****2. Rearrangements and Repairs**

A customer or authorized user may not rearrange, disconnect, remove or attempt to repair or permit others to rearrange, disconnect, remove or attempt to repair any apparatus or wiring installed by the Company, except upon the written consent of the Company. (C)

3. Transfer of Service

Service furnished one customer may be assumed by a new customer upon due notice of cancellation or abandonment, provided there is no lapse in service. The new customer must assume all the obligations of the previous customer. Such transfers are not subject to service charges applicable for private line services.

4. Intended Use

The purpose or purposes for which the private line service is to be used must be made known to the Company at time of application for service. In the event of a planned change in use of service the customer will notify the Company in writing prior to the change.

D. Payment Arrangements and Credit Allowances**1. Payment of Charges**

a. Applicants for service may be required to pay in advance of the establishment of service the installation charges applicable, together with any fixed charges applicable for the first month.

b. The customer is responsible for payment of all charges for facilities and services furnished the customer or shared with an authorized user in accordance with the Company's regular billing and collection practices. (C)

2. Minimum and Fractional Rates and Charges

a. The minimum service period is one month except for special construction which may necessitate a longer contract period, or as otherwise provided in this guidebook.

b. If the period of use exceeds the minimum period, the charges for any fractional part of a month following the minimum period will be a proportionate part of the monthly charges based on the actual number of days the facilities are furnished. For the purpose of administering this regulation with respect to the determination of charges for a fractional part of a month, every month is considered to have thirty days.

c. In applying a rate involving a fraction of a cent, the fraction is carried through the entire computation of the charge for the service. When the charge so computed includes a fraction of a cent, a fraction of less than one-half cent is disregarded and a fraction of one-half cent or more is treated as one cent.

REGULATIONS (cont'd)**D. Payment Arrangements and Credit Allowances (cont'd)**

3. Special Construction

- a. Rates and charges for special construction will be provided as set forth in Part 3, Section 14 of the Access Services Guidebook. Special construction rates and charges are in addition to rates and charges for private line service in this guidebook. (C)
- b. Special construction is that construction undertaken:
 - 1. Where facilities are not presently available, and there is no other requirement for the facilities so constructed.
 - 2. Of a type other than that which the Company would normally utilize in the furnishing of its services.
 - 3. Over a route other than that which the Company would normally utilize in the furnishing of its services.
 - 4. In a quantity greater than that which the Company would normally construct to serve the customer needs.
 - 5. On a temporary basis until permanent facilities are available.
 - 6. Involving abnormal costs.
 - 7. On an expedited basis.
- c. A request for charges for special construction will be subject to a special quotation charge for the direct administration and engineering costs associated with the preparation of that particular quotation. The amount of such charges will be credited to the account of the customer when an order for that particular special construction is received within 90 days of the quotation. The customer will authorize, through a designated representative, the request for a quotation before the Company undertakes any work involved in developing such quotations.

4. Change in Service Arrangement

The normal service charge per channel applies when changing from one type of private line service to another type of private line service.

5. Suspension of Service

Upon request of the customer, service will be suspended without cancellation at any time after the minimum period of service. Service will be suspended for a period of not less than two weeks and billing shall continue at the full rate. For the purposes of this paragraph the minimum service period shall be computed from the initial establishment of service or from the date the service was last restored from suspension.

REGULATIONS (cont'd)**D. Payment Arrangements and Credit Allowances (cont'd)****6. Temporary Surrender of a Service**

When, at the request of the Company, a service is temporarily surrendered by the customer or authorized user for other than maintenance purposes, credit will be allowed, the amount of which will be determined in the same manner as for an allowance for interruptions. (C)

7. Allowances for Interruptions

If the service is interrupted other than by the negligence or willful act of the customer or authorized user, an allowance at the rate for that portion of the customer's service affected by the interruption shall be made for the time such interruption continues after the fact is reported by the customer or authorized user or detected by the Company. (C)

- a. Long Distance Telecommunications Service furnished at a customer's request when his private line service is interrupted is charged for a Long Distance Message Telecommunications Service rates.
- b. For purposes of administering this regulation with respect to the determination of allowances for a fractional part of a month, every month is considered to have thirty days.

8. Cancellation of Application of Service

Where installation of facilities, other than those provided by special construction, has been started prior to the cancellation, the charge specified in a. or b. following, whichever is lower, applies:

1. A charge equal to the estimated costs incurred in such installation, less estimated net salvage.
2. The charge for the minimum period of the service ordered by the customer as provided in this Guidebook plus the full amount of any termination charges applicable.
3. Installation of facilities for a customer is considered to have started when the Company incurs any expense in connection therewith or in preparation therefore which would not otherwise have been incurred; provided the customer has advised the Company to proceed with the installation of facilities.

REGULATIONS (cont'd)**D. Payment Arrangements and Credit Allowances (cont'd)**

9. Expedited Order Charge

The current services in this Part of the Guidebook can be Expedited for an additional Order Charge:

- a. If a customer desires that service be provided on a due date less than the standard interval, which has been established for the order or the provision of the Service, the customer may request that service be provided on an expedited basis.
- b. The provisioning of the expedited request is based upon available facilities and is limited to twelve (12) two-point or six (6) multi-point Analog circuits at the same location. Expedited order requests do not apply to services that are jointly provided by the Company and an Independent Telephone Company
- c. If the Company determines that service can be provided on the requested expedited date and spare facilities are available, the following charges will apply:

Private Line Services

USOC: EODDO

Expedite Order Charge: \$650.00

REGULATIONS (cont'd)**E. Definitions**

Certain terms used generally throughout this guidebook are defined as follows:

Access Line

In connection with Special Bridging Service, that dedicated channel or channels connecting the master station, remote station, or interconnecting station to a special bridge.

Authorized Protective Connecting Module

Denotes a protective unit designed by the Company and manufactured under the control of the Company quality assurance procedures, which unit is to be incorporated in a Conforming Answering Device.

Authorized User

Denotes a person, firm or corporation who is authorized by the customer to be connected to the service of the customer for the purpose of transmitting communications to or from the customer and relating directly to the customer's business. An authorized user must be specifically named in the application for service and a station must be located on his premise.

Baud

Denotes a unit of signaling speed. It is the reciprocal of the time duration in seconds of the shortest signal element (mark or space) within a code signal. The speed in bauds is the number of signal elements per second.

Bit

A bit is the smallest unit of information in the binary system of notation.

Bridging

The connection of a channel or channels to another channel or the common point where more than two channels of any type connect.

Building

"Same Building" is a structure under one roof, or two or more structures on the same premises which are connected by covered passageway in which the wires or cables of the Company may be placed without exposure to outside electrical circuits or the weather. In no case can conduit be considered as covered passageway. The term "same building" does not include those premises connected by a covered public mall. (See *Premises*)

Category I

"Category I" are those private line services identified in Section 68.2(a)(iii) of the FCC's Rules and Regulations.

Category III

"Category III" are those private line services identified in Section 68.2(a)(iii) of the FCC's Rules and Regulations.

Channel

Denotes a portion of a private line service which is a path (or paths) for electrical communication, between two or more stations or Company serving offices or between a station and a serving office. A channel may be furnished in such manner as the Company may elect, whether by wire, radio or a combination thereof and whether or not by means of a single physical facility or route.

REGULATIONS (cont'd)**E. Definitions (cont'd)****Channel Terminal**

The facilities required to terminate an interexchange intraLATA channel or an interoffice channel at a serving office.

Communications Systems

Denotes channels and other facilities which are capable, when not connected to private line service, of two-way communications between terminal equipment or Company stations.

Composite Data Service

The combined use of terminal and data switching equipment provided by a Composite Date Service Vendor with the use of telecommunications services of the Company to perform data switching for others.

Composite Data Service Vendor

A customer that has been certified by the proper state or municipal regulatory body, and/or Federal Communications Commission pursuant to Section 214 of the Communications Act of 1934, as amended to acquire and operate facilities to perform data switching for others. A customer shall be classified as a Composite Data Service Vendor only with respect to use of those exchange services which are utilized for the provision of composite data service.

Conformance Number

Denotes an identifying number assigned by the Company to a particular model of Conforming Answering Device incorporating an Authorized Protective Connecting Module when that module of device is in conformance with the provisions set forth by the Company in its Technical Reference for Conforming Answering Devices.

Conforming Answering Device

Denotes a device which automatically answers incoming calls; transmits a prerecorded voice message or appropriate audible signal to the calling party; records a voice message from the calling party if so designed and arranged; and automatically disconnects from the line in a prearranged manner on completion of the last of the functions for which it was designed and arranged as described in this paragraph. The Conforming Answering Device may include remote interrogation and/or device function control. A Conforming Answering Device must incorporate an Authorized Protective Connecting Module and must bear a valid Conformance Number.

Connecting Arrangement

Denotes the equipment provided by the Company to accomplish the direct electrical connection of customer-provided facilities with the facilities of the Company, or the direct electrical connection of Company facilities.

Connecting Company

A corporation, association, firm or individual, owning and operating one or more exchanges and with whom traffic is interchanged.

Contract

The service arrangement between a customer and the Company under which facilities from communication between specified locations, for designated periods, and for the use of the customer or authorized user specifically named in the contract are furnished in accordance with the provisions of the Guidebook.

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REGULATIONS (cont'd)**E. Definitions (cont'd)**Covered Public Mall

A covered public area, intended for the general public use, running between two or more premises and not an integral part of any building.

Customer-Provided Test Equipment

Denotes test equipment located at the premises of the customer that is used by the customer for the detection and/or isolation of a communications service fault.

Data Access Arrangement

Denotes a protective connecting arrangement for use with the network control signaling unit, or, in lieu of the connecting arrangement, an arrangement to identify a central office line and protective facilities and procedures to determine compliance with criteria set forth in this Guidebook.

Demarcation Point (also referred to as Network Interface, Network Interface Device and Demarc)

The point of demarcation and/or interconnection between a telecommunication provider's facilities and terminal equipment, protective apparatus or wiring at a subscriber's premises. Company installed facilities at or constituting the demarcation point shall consist of wire or a jack conforming to Sub-part F of Part 68 of the Federal Communications Commission's rules.

Digital Link Service

Digital Link Service is the Service Mark of Southwestern Bell Telephone Company for MegaLink I - Standard Digital Service and MegaLink III - Wideband Digital Service - 1.544 Mbps.

Direct Electrical Connection

Denotes a physical connection of the electrical conductors in the communications path.

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Duplex Service

Denotes service which permits customers or authorized user to communicate in both directions simultaneously.

Encoded Analog Content

"Encoded Analog Content" is an analog signal which has been multiplexed and coded within a digital signal.

Entrance Facilities

Denotes the facilities required to extend customer-provided channels to a service point of the customer or authorized user.

Equalized

Denotes a procedure which provides for the component frequencies of the material transmitted having about the same relationship at the two ends of the channel.

REGULATIONS (cont'd)**E. Definitions (cont'd)**Equipment Space

An area or areas, agreed upon by the subscriber and the Company, located on or within a structure that is specifically designated for the purpose of terminating regulated Company provided services and facilities. The necessary security, lighting, commercial power and environmental controls are provided in this area.

Equivalent Analog Signal Power

"Equivalent Analog Signal Power" is the power of the analog signal at the output of a zero level decoder, obtained when a digital signal is the input to the decoder. A zero level decoder yields an analog level of OdBm at its output when the input is a digital multiwatt signal.

Foreign Exchange Service

Exchange service furnished by means of a circuit connecting a customer's station to a primary serving office of another exchange.

Foreign Serving Office

Exchange service furnished by means of a circuit connecting a customer's station to a serving office of the same exchange but outside of the serving office area in which the station is located.

Grandfathered Communications Systems

Denotes communications systems (including their equipment, premises wiring and protective circuitry, if any) connected at the Premises of the customer or authorized user in accordance with any Company's guidebooks, and that are considered to be grandfathered under Part 68 of the Federal Communications Commission's Rules and Regulations because, (a) such systems were connected to the telecommunications network or the private line services specified in F.2.a following prior to January 1, 1980 and were of a type system which was directly connected (i.e. without Company-provided connecting arrangements) to the telecommunications network or the private line services specified in F.2.a following as of June 1, 1978, or (b) such systems are connected to the private line services specified in F.2.b or F.2.c following prior to May 1, 1983 and are of a type system which was directly connected (i.e. without Company-provided connecting arrangements) to the private line services specified in F.2.b or F.2.c following as of April 30, 1980. (C)

Grandfathered Connections of Communications Systems

Denotes connections via Company provided connecting arrangements of communications systems (including their equipment and premises wiring) at the premises of the customer or authorized user in accordance with any Company's guidebooks, and that are considered to be grandfathered under Part 68 of the Federal Communications Commission's Rules and Regulations because, (a) such connections to the telecommunications network or the private line services specified in F.2.a following were made via Company-provided connecting arrangements prior to January 1, 1980 and such connecting arrangements are of a type of connecting arrangement connected to the telecommunications network or the private line services specified in F.2.a following as of June 1, 1978, or (b) such connections to the private line services specified in F.2.b or F.2.c following are made via Company-provided connecting arrangements prior to May 1, 1983 and such connecting arrangements are of a type of connecting arrangement connected to the private line services specified in F.2.b or F.2.c following as of April 30, 1980. (C)

REGULATIONS (cont'd)**E. Definitions (cont'd)**

Grandfathered Terminal Equipment - Denotes terminal equipment (including protective circuitry if any) connected at the premises of the customer or authorized user in accordance with any Company's guidebooks, and that is considered to be grandfathered under Part 68 of the Federal Communications Commission's Rules and Regulations because, (a) such terminal equipment was connected to the telecommunications network or the private line services specified in F.2.a following prior to July 1, 1979 and was of a type of terminal equipment which was directly connected (i.e. without Company-provided connecting arrangements) to the telecommunications network or the private line services specified in F.2.a following as of October 17, 1977, or (b) such terminal equipment is connected to the private line services specified in F.2.b or F.2.c following prior to May 1, 1983 and is of a type terminal equipment which was directly connected (i.e. without Company-provided connecting arrangements) to the private line services specified in F.2.b or F.2.c following as of April 30, 1980. (C)

Grandfathered Connections of Terminal Equipment

Denotes connections via Company-provided connecting arrangements of terminal equipment connected at the premises of the customer or authorized user, in accordance with any Company's tariffs, and that are considered to be grandfathered under Part 68 of the Federal Communications Commission's Rules and Regulations because, (a) such connections to the telecommunications network or the private line services specified in F.2.a following were made via Company-provided connecting arrangements prior to July 1, 1979 and such connecting arrangements are of a type of connecting arrangement connected to the telecommunications network or the private line services specified in F.2.a following as of October 17, 1977, or (b) such connections to the private line services specified in F.2.b or F.2.c following are made via Company-provided connecting arrangements prior to May 1, 1983 and such connecting arrangements are of a type of connecting arrangement connected to the private line services specified in F.2.b or F.2.c following as of April 30, 1980. (C)

Half-Duplex Service

Denotes service which permits communication alternately in either direction, or for communication in one direction only, including bidirectional simultaneous transmission of tones required solely for control purposes or quick turnaround or synchronization.

Interconnecting Station

In connecting with Special Bridging Service, one of the many stations on a multipoint network which is connected to a special bridge and is provided for connecting two special bridges together through customer owned and maintained equipment located at a remote station.

Interexchange IntraLATA Channel

That portion of a private line service which interconnects two primary serving offices in different exchanges or metropolitan exchanges within the Local Access and Transport Area (LATA).

Interexchange IntraLATA Service

A private line service where station locations are in different exchanges or metropolitan exchanges within the Local Access and Transport Area (LATA).

Interoffice Channel

That portion of a private line service which interconnects, (1) local channels in different serving offices associated with Intraexchange Service; or, (2) Interexchange Channels with Local Channels.

REGULATIONS (cont'd)**E. Definitions (cont'd)**Intraexchange Service

A private line service where all the station locations are wholly within an exchange or a metropolitan exchange as defined in Part 4, Section 1.

Isochronous

Isochronous is transmission timing derived from the signal carrying the data. (i.e., no timing or clock lead is provided at the customer interface.)

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Local Channel

That portion of a Private Line Service which interconnects a network interface located on a customer's premises to (1) an interexchange or interoffice channel; (2) another network interface on the same or on a different premises in the same serving office area via another local channel to a network interface located on that same or a different premises.

Master Station

In connection with Special Bridging Service, the one station of a multipoint network located on a customer's premises, which communicates with each remote station.

Multi-Point Service

Denotes a service arrangement which provides communication capability between more than two private line station locations constituting a common dedicated communications system.

Move

When used in connection with the application of move charges for private line service, denotes a change in the physical location when made at the request of the customer or authorized user, without discontinuance of service, of facilities provided by the Company. (C)

Multiline Terminating System Area

Denotes a premises or multi-premises within the same building or continuous property in resold or shared use arrangements for customer premises key equipment or customer premises switching equipment.

National Security Emergency Preparedness (NSEP) Telecommunications Service

Those services used to maintain a state of readiness or to respond to and manage any event or crisis, i.e. local, national, or international, which causes or could cause injury or harm to the population, damage to or loss of property, or degrades or threatens the National Security Emergency Preparedness posture of the United States.

Network Control Signaling

Denotes the transmission of signals used in the telecommunications system which perform functions such as supervision (control, status, and charging signals), address signaling (e.g., dialing), calling and called number identification, audible tone signals (call progress signals indicating re-order or busy conditions, altering, coin denominations, coin collect and coin return tones) to control the operation of switching machines in the telecommunications systems.

REGULATIONS (cont'd)**E. Definitions (cont'd)**Network Control Signaling Unit

Denotes the network channel termination equipment furnished by the Company for network control signaling.

Non-Powered Conferencing Equipment

Denotes a portable plug-ended device, without active elements, consisting of a multi-winding transformer and manual line switches designed to bridge two or more, but not to exceed five, of the lines appearing on 4-button and 6-button key telephone instruments equipped with both hold and illumination features.

Other Telephone Company

See *Connecting Company*

Premises

a. All portions of the same building occupied by the same customer, provided that:

1. The portions are not separated from each other by intervening offices, rooms or suites not occupied by the customer.
2. The portions of different floors are contiguous and that the portion on the upper floor is directly above the portion occupied on the lower floor.

b. All of the buildings are located on one continuous plot of property, all of which plot is owned and/or held under lease by the same customer and the buildings are not separated by a public vehicular thoroughfare which is governmentally owned.

Primary Serving Office

That office in a single office service area or that office of a multi-office service area which is designated by the Company as the primary serving office. A primary serving office is also a serving office. In a service area where there is not physically located a serving office, a theoretical location has been established by the Company for billing purposes.

Prime Service Vendor

The service vendor from whom the service user, or its authorized agent, orders NSEP Telecommunications Service.

Private Line Service

Channels and other facilities (when provided by the Company), provided solely for the use of a customer and his authorized users.

(C)

Registered

Denotes equipment which complies with and has been approved within the Registration provisions of Part 68 of the Federal Communications Commission's Rules and Regulations.

Remote Station

In connection with Special Bridging Service, one of the many stations on a multipoint network which is connected to the master station by a bridging arrangement.

REGULATIONS (cont'd)**E. Definitions (cont'd)****Secondary Channel Capability**

An enhancement that provides additional capacity on MegaLink I - Standard Digital Service, for use as a lower speed (secondary) channel through which the customer has the capability of performing functions such as on-line diagnostics, data monitoring, traffic measurements and network configuration management.

Served Direct Service

Those facilities provided for specified two point intraexchange channels between different buildings on different premises which do not route through a Serving Office.

Service Area

An exchange or a zone of a metropolitan exchange.

Service Point

When used in connection with private line services denotes the service area in which a station of the customer or authorized user is located. (C)

When used in connection with systems, denotes the point on the customer or authorized user's premises where private line services provided by the Company to the customer or authorized user are terminated in transmitting and receiving terminal equipment or in switching equipment used, in the normal mode of operation, for communications with stations or terminal equipment located on the premises. Where a station is not located in an exchange area, the location of the station or termination is considered to be an exchange for the purpose of this definition. (C) (C)

Serving Office

The office in the service area from which a customer would normally be served for local exchange telephone service. Where the serving office is not located in the service area, a theoretical location has been established by the Company for billing purposes.

Serving Office Area

The specific area normally served by a serving office. A Service Office Area may be served in several ways, namely:

- By a single unit serving office with one telephone number prefix.
- By a multiple unit serving office with multiple telephone number prefixes.
- By a theoretical serving office with switching equipment located in another exchange or serving office area.

Station

The term "Station" as used in connection with private line services denotes a point on a premises at which a private line service is terminated where the service at that premises involves only channels furnished by the Company and the transmitting or receiving equipment, or combination transmitting and receiving equipment, will be furnished by the customer or authorized user. (C)

Station Port

A station port is the classification of the station inter-face for off-premises main stations or extension stations of a premises PBX (or similar) switching system used in reference to loop signaling requirements on grandfathered and registered PBX systems.

REGULATIONS (cont'd)

E. Definitions (cont'd)

(D)
|
(D)

Subcontracting Service Vendor

The service vendor who, under contract or guidebook concurrence, agrees to provide a portion of an NSEP Telecommunications Service.

Telecommunications Service Priority (TSP) Authorization Code

A special 12 digit code assigned by the TSP Program Office, which authorizes priority provisioning and/or restoration designations for NSEP Telecommunications Services.

Telephone Company (also the Company)

Southwestern Bell Telephone Company

Termination

When used in connection with the application of termination charges for private line services, denotes the discontinuance, either at the request of the customer or authorized user, or by the Company under its regulations concerning cancellation for cause, of service or facilities provided by the Company.

Zone

A portion of a metropolitan exchange which has one primary serving office and is further described in the Part 4, Section 1.

REGULATIONS (cont'd)

F. Connections

1. General Provisions

a. General

1. Terminal equipment and communications systems may be connected at the premises of the customer or authorized user to private line services furnished by the Company where such connections are made in accordance with the applicable provisions of A.4 preceding and the provisions here (paragraph F.) and 'Connection of Terminal Equipment and Communications Systems' found in Part 2, Section 9. (C)
2. The term "Telecommunications Services" when used in this paragraph F. *Connections* denotes Exchange Service, Long Distance Message Telecommunications Service (LDMTS) and Wide Area Telecommunications Service (WATS).

b. Responsibility of the Customer

1. The customer shall be responsible for the installation, operation and maintenance of any terminal equipment or communications systems. No combination of terminal equipment or communications systems shall require change in or alteration of the equipment or services of the Company cause electrical hazards to Company personnel, damage to Company equipment, malfunction of Company billing equipment, or degradation of service to persons other than the user of the subject terminal equipment or communications system, his calling or called party. Upon notice from the Company that a terminal equipment or communications system is causing such hazard, damage, malfunction or degradation of service the customer or authorized user shall make such change as shall be necessary to remove or prevent such hazard, damage, malfunction or degradation of service. (C)
2. The customer or authorized user will provide his own data set(s) on a given Company-provided private line, and it shall be the responsibility of the customer to ensure the continuing compatibility of such data set(s) with the private line service furnished by the Company. (C)

REGULATIONS (cont'd)**F. Connections (cont'd)**

1. General Provisions (cont'd)
- b. Responsibility of the Customer (cont'd)
3. The customer who provides the Premises Wiring of Communications Systems subject to Part 68 of the Federal Communications Commission's Rules and Regulations pursuant to section 68.215 of Chapter I of Title 47 of that Code of Federal Regulations shall be responsible for the payment of an Institutional Program for Premises Wiring Charge as provided below for activities performed by Company employees at the customer's premises pursuant to subsections (f), (g) and/or (h) of said section 68.215, when the premises wiring in question has failed acceptance tests monitored by, or participated in by, the Company pursuant to section 68.215, and/or has been revealed to be not in conformance with the information provided in the related affidavit which was provided pursuant to section 68.215, and/or has resulted in a harm to the network.

The Institutional Program for Premises Wiring Charge provided for above is comprised of the first, or a combination of both rate elements described below, as appropriate:

Element 1 - for the first fifteen minutes, or fraction thereof, of total time spent by Company employees in related monitoring or participating in acceptance tests and/or in related inspection of customer-provided premises wiring for Communications Systems subject to Part 68 of the Federal Communications Commission's Rules and Regulations, and for administrative expenses including the visit to the customer's premises

USOC: EPC1E \$31.00

Element 2 - for each additional fifteen minutes, or fraction thereof, of total time spent by Company employees in performing the related customer premises activities described in Element 1 preceding

USOC: EPCAЕ \$10.50

4. The consent of the customer must be obtained by the authorized user prior to the connection of authorized user provided terminal equipment of communications systems to a private line service provided to the customer. (C) (C)

REGULATIONS (cont'd)

F. Connections (cont'd)

1. General Provisions (cont'd)

c. Responsibility of the Company

1. Private line services are not represented as adapted to the use of terminal equipment of communications systems. When such terminal equipment or communications systems are used with private line services, the responsibility of the Company shall be limited to the furnishing of service components suitable for private line services and to the maintenance and operation of service components in a manner proper for such services. Subject to this responsibility the Company shall not be responsible for (i) the through transmission of signals generated by the terminal equipment or communications systems or for the quality of, or defects in, such transmission, or (ii) the reception of signals by terminal equipment or communications systems, or (iii) address signaling where such signaling is performed by signaling equipment.
2. The Company will, at the customer's request, provide information concerning interface parameters, including the number of ringers which may be connected to a particular line, needed to permit terminal equipment to operate in a manner compatible with the telecommunications network.
3. The Company may make changes in its telecommunications network, equipment, operations or procedures, where such action is not inconsistent with Part 68 of the Federal Communications Commission's Rules and Regulations. If such changes can be reasonably expected to render any customer's terminal equipment or communications system incompatible with the telecommunications network, or require modification or alteration of such terminal equipment or communications systems, or otherwise materially affect its use or performance, the customer or authorized user will be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service. (C)

d. Recording of Two-Way Telephone Conversations

Private line services are not represented as adapted to the recording of two-way telephone conversations. When voice recording equipment is used with a private line service which is connected to telecommunications services, the provisions relating to *Recording of Two-Way Telephone Conversations* as set forth in Part 2, Section 9, paragraph A.1.d. are applicable to such private line service.

REGULATIONS (cont'd)**F. Connections (cont'd)**

1. General Provisions (cont'd)

e. Violation of Regulations

When any terminal equipment or communications system is used with private line services in violation of any of the provisions in this paragraph F. *Connections*., the Company will take such immediate action as necessary for the protection of the telecommunications network and Company employees, and will promptly notify the customer or authorized user of the violation. The customer shall take such steps as are necessary to discontinue such use of the terminal equipment or communications system or correct the violation and shall confirm in writing to the Company within 10 days, following the receipt of written notice from the Company, that such use has ceased or that the violation has been corrected. Failure to discontinue such use or to correct the violation and to give the required written confirmation to the Company within the time stated above shall result in suspension of the customer's service until such time as there is compliance with the provisions of this guidebook. (C)

f. Connection of Facilities Furnished By The Customer Which Involve Hazardous or Inaccessible Locations

Facilities furnished by the customer which involve hazardous or inaccessible locations may be connected with private line service furnished by the Company. Such facilities furnished by the customer must comply with the minimum protection criteria specified by the Company.

2. Connections of Registered Equipment

Terminal equipment, protective circuitry, and communications systems that are registered may be connected to those private line services specified in a., b. or c. following, subject to F.1 preceding and this F.2; and further subject to paragraph A.2. '*Connections of Registered Equipment*' in Part 2, Section 9.

a. The connection may be made only at the premises of the customer or authorized user to a Series 400 private line service that present a two wire loop signaling interface for such connection under the following conditions: (C)

1. Registered terminal equipment, registered protective circuitry, and registered key telephone systems may be connected to the station end of private line services furnished in connection with off-premises stations.
2. Registered PBX Systems may be connected, as a trunk termination, to the station end of private line services furnished in connection with off-premises stations.
3. Registered terminal equipment, registered protective circuitry, and registered key telephone systems may be connected to CCSA access line.

A Foreign Exchange channel may be utilized with registered terminal equipment, registered protective circuitry and registered communications systems which are connected to the exchange telephone service associated with such channels. (C)
(D)

REGULATIONS (cont'd)**F. Connections (cont'd)**

2. Connections of Registered Equipment (cont'd)

- b. The connection of registered terminal equipment and registered PBX systems may be made only at the premises of the customer or authorized user to a Series 400 private line service that presents an interface for a two wire transmission, with separate E and M signaling leads conventionally known as Type I (battery/ground) or Type II (contact closure type). Such E and M signaling leads are those terminal equipment or PBX leads (other than voice or data communications leads) used for the purpose of transferring supervisory or address signals across the interface. (C)
- c. The connection of registered terminal equipment and registered PBX systems may be made only at the premises of the customer or authorized user to a Series 100 or 400 private line service furnished to provide indications of message registration of outgoing calls or automatic identification of outward dialing (AIOD) to such customer-provided equipment or systems. (C)

In addition, customers who intend to install, perform additions to, or make rearrangements of AIOD functions shall give advance notice to the Company in accordance with the procedures specified in Part 68 of the Federal Communications Commission's Rules and Regulations or as otherwise authorized by the Federal Communications Commission.

- d. Unless a specific waiver has been granted by the Federal Communications Commission, or except as otherwise provided in e. following, all connections of registered equipment to services furnished by the Company will be made through a point of demarcation. In most cases, this will be through a Company provided standard jack. In the case of registered communications systems utilizing complex wiring, a method of connection, jacks, terminal strips, etc., will be provided by the Company.
- e. The requirement for the use of standard jacks as described in d. preceding is waived for registered equipment which is located in hazardous or inaccessible locations.

REGULATIONS (cont'd)

F. Connections (cont'd)

3. Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems
 - a. Direct Connections
 1. Grandfathered terminal equipment and grandfathered communications systems, directly connected to the private line services specified in F.2.a. preceding are subject to paragraph A., *Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems*, in Part 20, Section 2. Such connections are subject to the minimum protection criteria set forth by the Company.
 2. Grandfathered terminal equipment and grandfathered communications systems, directly connected to the private line services specified in F.2.b. and c. preceding on April 30, 1980, may remain connected for the life of the equipment without registration, and may be modified only in accordance with Part 68 of the Federal Communications Commission's Rules and Regulations, subject to the following:
 - a. All such connections shall comply with the minimum protection criteria set forth in 1.6.4.F following.
 - b. No changes may be made to equipment so connected except by the manufacturer thereof, or a duly authorized agent of the manufacturer.
 3. Until May 1, 1983, new installations of terminal equipment or communications systems which have been grandfathered may be connected for use with the private line service specified in F.2.b. or c. preceding, subject to the following:
 - a. The customer shall notify the Company when such equipment or systems are to be connected and shall notify the Company when such equipment or systems are to be permanently disconnected; such notification shall include a description of the equipment including the manufacturer's name, model number, and type of equipment;
 - b. all such connections are made through Company-provided standard jacks or are otherwise connected by the Company;
 - c. all such connections shall comply with the minimum protection criteria set forth by the Company;
 - d. premises wiring associated with communications systems shall conform to Part 68 of the Federal Communications Commission's Rules and Regulations;
 - e. no changes may be made to equipment so connected except by the manufacturer thereof, or a duly authorized agent of the manufacturer.

REGULATIONS (cont'd)

F. Connections (cont'd)

3. Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems (cont'd)
 - a. Direct Connections (cont'd)
 4. Additions to grandfathered terminal equipment or grandfathered communications systems specified in 2. and 3. preceding may be made, subject to 3.a. through e. preceding and to the following:
 - a. Until May 1, 1983, where the equipment being added is of a type which has been grandfathered, and
 - b. after May 1, 1983, where the equipment being added is grandfathered
 - c. additions of registered equipment are subject to 1.6.2 preceding.
 5. Systems connected pursuant to 2. through 4. preceding may remain connected and be moved and reconnected, in accordance with 3.a. through e. preceding, for the life of the equipment and may be modified only in accordance with Part 68 of the Federal Communications Commission's Rules and Regulations.
 6. Terminal equipment and communications systems connected via grandfathered protective circuitry are subject to the provisions of 1. through 5. preceding.

REGULATIONS (cont'd)**F. Connections (cont'd)**

3. Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems (cont'd)
 - b. Connections Through Connecting Arrangements Provided by the Company
 1. Grandfathered connections of terminal equipment and grandfathered connections of communications systems to the private line services specified in F.2.a preceding are subject to paragraph A. *Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems* found in Part 20, Section 2. Such connections are subject to the minimum protection criteria set forth by the Company.
 2. Grandfathered connections of terminal equipment and grandfathered connections of communications systems to the private line services specified in F.2.b. and c. preceding are subject to the following:
 - a. Until May 1, 1983, the Company will provide connecting arrangements for installations of new terminal equipment or communications systems that are subject to Part 68 of the Federal Communications Commission's Rules and Regulations.

However, after May 1, 1983, Company-provided connecting arrangements will only be provided, to the extent that such connecting arrangements are available, to reconnect terminal equipment or communications systems which were previously connected to the private line services specified in F.2.b. or c. preceding through connecting arrangements prior to May 1, 1983.
 - b. Grandfathered connections of terminal equipment and grandfathered connections of communications systems made in accordance with a. preceding may remain connected and be moved and reconnected for the life of the equipment and may be modified only in accordance with Part 68 of the Federal Communications Commission's Rules and Regulations. Connecting arrangements used for such moves and reconnections will continue to be provided by the Company subject to their availability, at the rates and charges specified in Part 20, Section 2.
 - c. Network control signaling shall be performed by the connecting equipment furnished, installed and maintained by the Company, except that tone-type address signaling is permissible through the Company-provided connecting arrangement.
 - d. The connections specified in a. through c. preceding must comply with the minimum protection criteria specified by the Company.

REGULATIONS (cont'd)

F. Connections (cont'd)

4. Connections of Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program
 - a. General
 1. Connecting arrangements are not required and minimum protection criteria are not applicable where terminal equipment or communications systems are connected with the following channels when such channels are used for the types of transmission specified herein due to the nature of the service provided and/or the type of channels and equipment used.
 - Series 100
 - Series 200
 - Series 400
 - Channels for Program Transmission in Connection with Loudspeakers and Sound Recording
 - Video Channels (Provided via Special Assembly Request for Closed Circuit TV)
 2. Except as otherwise provided in F.2 and F.3 preceding, terminal equipment and communications systems may be electrically connected to private line services in accordance with this paragraph F.4.
 - a. When the terminal equipment or communications system is connected with private line service furnished by the Company and such private line service is not arranged for connection to telecommunications services, such connections shall be made to a Demarcation Point provided by the Company.
 - b. When the terminal equipment or communications system is connected with private line service furnished by the Company and such private line service is arranged for connection to telecommunications services:
 - except as otherwise specified in F.4.d.1.d. following such connections shall be made through a connecting arrangement as provided in this paragraph F.4, and
 - the connection shall be such that the functions of network control signaling (except tone type address signaling through a Company-provided connecting arrangement) are performed by equipment furnished by the Company.
 - c. Terminal equipment or communications systems connected Pursuant to a. or b. preceding must comply with the minimum protection criteria specified in F.4.f following.

(D)

REGULATIONS (cont'd)

F. Connections (cont'd)

4. Connections of Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (cont'd)
 - b. Data Terminal Equipment
 1. Direct Electrical Connection
 - a. Data terminal equipment which involves direct electrical connection to facilities furnished for private line service by the Company, may be used with such facilities for such purpose under the conditions set forth below:
 - (1) The customer shall be responsible for ordering and specifying the type channel and the channel conditioning for operation with data processing equipment provided by the customer or authorized user. The undertaking of the Company is (C) to furnish the type channel and channel conditioning as ordered and specified by the customer.
 - (2) Except as otherwise specified in (3) following, when the connection of data terminal equipment requires the use of data sets, the data sets will be provided by either the customer or authorized user. It shall be the responsibility of the customer or authorized user to ensure the continuing compatibility of such data set(s) with the facilities furnished by the Company. (C) (C)
 - (3) To protect the telecommunications network, the connection of data terminal equipment to private line service provided by the Company, when such private line service is arranged for connection to telecommunications services shall be through a connecting arrangement as described below.

Data Access Arrangement

Where the customer elects to use data terminal equipment through a data access arrangement, the customer or authorized user shall furnish the equipment (C) which performs the functions of data signal conditioning referred to above and the Company shall furnish the data access arrangement for use with the network control signaling unit.

- (4) Where a data access arrangement is furnished with terminal equipment and such terminal equipment is used for both voice and data communications, the data access arrangement may be used to connect the equipment for voice communication.

REGULATIONS (cont'd)

F. Connections (cont'd)

4. Connections of Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (cont'd)

- c. Voice Terminal Equipment
 1. Voice terminal equipment may be connected at the customer's premises to private line service in accordance with the following when such private line service is arranged as provided in F.4.a.2.b preceding.
 - a. The connection shall be made through a network control signaling unit and a connecting arrangement furnished by the Company.

Where a data access arrangement is furnished in connection with terminal equipment and such terminal equipment is used for both voice and data communication, the data access arrangement may be used to connect the terminal equipment for voice communication.

2. Attested Equipment and Conforming Answering Devices may be used with private line service subject to the provisions found in Part 2, Section 9.

REGULATIONS (cont'd)

F. Connections (cont'd)

4. Connections of Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (cont'd)
 - d. Communications Systems
 1. Communications systems (other than communications systems connected pursuant to F.2 and F.3 preceding) may be connected to private line service in accordance with this F.4.d.1. These communications systems (including channels derived from such systems, not exceeding voice grade), may be connected at the customer or authorized user's premises where the customer has a regular and continuing requirement for the origination or termination of communications over the communications system provided that:
 - a. The normal mode of operation of the communications system shall be to provide communications originating or terminating at the premises on which the connection is made.
 - b. The connection shall be made through switching equipment provided either by the customer, or authorized user.
 - c. The connection shall be to channels of voice grade or less furnished by the Company or to channels created therefrom in accordance with the provisions of F.5 following.
 - d. When private line service is arranged as provided in E.4.a.2.b. preceding, the connection is made through:
 - (1) a connecting arrangement provided by the Company, or
 - (2) registered or grandfathered terminal equipment, communications system, or protective circuitry which, either singularly or in combination assures that the requirements of Part 68 of the Federal Communications Commission's Rules and Regulations are met at the private line Demarcation Point.

Minimum protection criteria as set forth in F.4.f. following must be complied with when the connection is made through equipment or systems that are not registered.

In lieu of these requirements for total hardware protection, an optional, alternative method, as described in e. following, is available for the control of signal power only.

REGULATIONS (cont'd)**F. Connections (cont'd)**

4. Connections of Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (cont'd)
 - d. Communications Systems (cont'd)
 1. (cont'd)
 - e. When communications systems not subject to Part 68 of the Federal Communications Commission's Rules and Regulations are connected to private line services that are arranged as provided in F.4.a.2.b. preceding and the connection is through, (a) a Company-provided connecting arrangement or, (b) registered or grandfathered terminal equipment, communications system or protective circuitry which assures that all of the requirements of Part 68 of the Federal Communications Commission's Rules and Regulations are met at the private line service Demarcation Point, no further action is required. However, when a customer elects to connect a communications system to private line service and the registered or grandfathered equipment, system or protective circuitry through which connection is made does not provide protection for signal power control, the customer must comply with the following institutional procedures:
 - (1) The communications system must be installed, operated and maintained so that the signal power (within the frequency range of 200-4000 Hertz) at the private line service Demarcation Point continuously complies with Part 68 of the Federal Communications Commission's Rules and Regulations.
 - (2) The operator(s)/maintainer(s) responsible for the establishment, maintenance and adjustment of the voice frequency signal power present at the private line service Demarcation Point must be trained to perform these functions by successfully completing one of the following:
 - (a) a training course provided by the manufacturer of the equipment used to control voice frequency signal power; or
 - (b) a training course provided by the customer or authorized representative, who has responsibility for the entire communications system, using training materials and instructions provided by the manufacturer of the equipment used to control the voice frequency signal Power; or
 - (c) an independent training course (e.g., trade school or technical institution) recognized by the manufacturer of the equipment used to control the voice frequency signal power; or
 - (d) in lieu of the preceding training requirements, the operator(s)/maintainer(s) is under the control of a supervisor trained in accordance with (a) through (c) preceding.

Upon request the customer is required to provide the proper documentation to demonstrate compliance with the requirements in this paragraph (2).

REGULATIONS (cont'd)

F. Connections (cont'd)

4. Connections of Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (cont'd)
 - d. Communications Systems (cont'd)
 1. (cont'd)
 - e. (cont'd)
 - (3) At least 10 days advance notice must be given to the Company in the form of a notarized affidavit before the initial connection of the communications system. A copy of the affidavit must also be maintained at the customer's premises. The affidavit must contain the following information:
 - (a) The full name, business address, business telephone number and signature of the customer or authorized representative who has responsibility for the operation and maintenance of the communications system.
 - (b) The line(s) which the communications system will be either connected to or arranged for connection to.
 - (c) A statement that all operations associated with the establishment, maintenance and adjustment of the signal power present at the private line service Demarcation Point will comply with Part 68 of the Federal Communications Commission's Rules and Regulations.
 - (d) A statement describing how each operator or maintainer of the communications system will meet and continue to meet the training requirements for persons installing, adjusting or maintaining the communications system.

REGULATIONS (cont'd)

F. Connections (cont'd)

4. Connections of Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (cont'd)
 - d. Communications Systems (cont'd)
 1. (cont'd)
 - f. Extraordinary Procedures
 - (1) The Company may invoke extraordinary procedures to protect the private line service where one or more of the following conditions are present:
 - (a) Information provided in the affidavit gives reason to believe that a violation of Part 68 of the Federal Communications Commission's Rules and Regulations or the Institutional Procedures set forth in e. preceding is likely.
 - (b) Harm has occurred and there is reason to believe this harm was a result of operations performed under the Institutional Procedures set forth in e. preceding.
 - (2) The extraordinary procedures, which can be invoked by the Company, include:
 - (a) Requiring the use of protective apparatus which either protects solely against signal power or which assures that all of the requirements of Part 68 are met at the private line service Demarcation Point. This protective apparatus may be provided by either the Company or the customer.
 - (b) Disconnecting service.
 - (3) A charge equal to the Maintenance of Service Charge as specified in Part 3, Section 1 will apply when:
 - (a) It is necessary to send a Company employee to the premises where the connection is made because a condition set forth in (1) preceding exists, and
 - (b) A failure to comply with Part 68 of the Federal Communications Commission's Rules and Regulations or the Institutional Procedures for signal power control in e. preceding is disclosed.
 2. An entrance facility (Series 1000) channel or channels created therefrom in accordance with the provisions of F.5 following may be connected at such customer's or user's premises to other customer-provided communications systems in accordance with 1., 1.a, 1.b., and 1.d. preceding.
 3. Reserved for future use.

(C)
(D)
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(D)

REGULATIONS (cont'd)

F. Connections (cont'd)

4. Connections of Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (cont'd)
 - d. Communications Systems (cont'd)
 4. A communications system provided by an authorized user may be connected at the premises of the authorized user to private line service furnished by the Company to a customer on which the authorized user has a station provided that:
 - a. The customer has a regular and continuing requirement for communications originating or terminating at the authorized user's premises at which the connection is made.
 - b. The normal mode of operation of the authorized user-provided communications system shall be to provide communications originating or terminating at the premises on which connection is made.
 - c. The connection shall be made through switching equipment provided by the customer or authorized user or by the Company.
 - d. The connection shall be to channels of voice grade or less furnished by the Company or to channels created therefrom in accordance with the provisions of F.5 following.
 - e. The connection shall be made on the same basis as set forth for the customer in F.4.a.2 preceding and F.4.f following.
 - f. All communications over the interconnected facilities shall be between the customer and authorized user and relate directly to the customer's business.

REGULATIONS (cont'd)

F. Connections (cont'd)

4. Connections of Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (cont'd)
 - e. Minimum Protection Criteria for Electrical Connections
 1. Since private line services utilize Company channels and equipment in common with other services it is necessary in order to prevent excessive noise and crosstalk that the power of the signal applied to the Company private line service is individually engineered. A single valued limit for all applications cannot be specified. Therefore, the power of the signal in the band above 300 Hertz which may be applied by the equipment to the Demarcation Point will be specified by the Company for each application to be consistent with the signal power allowed on the telecommunications network.
 2. To protect other services, it is necessary that the signal which is applied by the equipment to the Company interface located on the customer's or authorized user's premises meet the following limits: (C)
 - a. The power in the band from 3,995 Hertz to 4,005 Hertz shall be at least 18db below the power of the signal as specified in 1. above.
 - b. The power in the band from 4,005 Hertz to 10,000 Hertz shall not exceed 16db below one milliwatt.
 - c. The power in the band from 10,000 Hertz to 25,000 Hertz shall not exceed 24db below one milliwatt.
 - d. The power in the band from 25,000 Hertz to 40,000 Hertz shall not exceed 36db below one milliwatt.
 - e. The power in the band above 40,000 Hertz shall not exceed 50db below one milliwatt.

REGULATIONS (cont'd)**F. Connections (cont'd)**

4. Connections of Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (cont'd)
 - e. Minimum Protection Criteria for Electrical Connections (cont'd)
 3. Where there is connection to telecommunications services, to prevent interruption or disconnection of a call, or interference with network control signaling, it is necessary that the signal applied by the equipment to the Company Demarcation Point located on the customer's premises at no time have energy solely in the 2450 to 2750 Hertz band. If signal power is in the 2450 to 2750 Hertz band, it must not exceed the power present at the same time in the 800 to 2450 Hertz band.

Where equipment applies signals having components in the frequency spectrum below 300 Hertz, excluding ringing signals, the currents and voltages (including all harmonics and spurious signals) at the Demarcation Point shall not exceed the limits indicated in a. through d. following:

- a. The maximum rms (root-mean-square) value, including dc and ac components, of the current per conductor will be specified by the Company but in no case will the specified value exceed 0.35 ampere.
- b. The magnitude of the peak of the conductor to ground voltage shall not exceed 70 volts.
- c. The conductor to conductor voltage shall be such that the conductor to ground voltage limit in b. above is not exceeded. If the signal source is not grounded, the voltage limit in b. above applies to the conductor to conductor voltage.
- d. The total weighted rms voltage within the band from 50 Hertz to 300 Hertz shall not exceed 100 volts. The total weighted rms voltage is the square root of the sum of the products of the weighting factors for the individual frequency components times the square of the rms voltage of the individual frequency components. The weighting factors are as indicated:

for frequencies between
50 Hertz and 100 Hertz

weighting factor
 $f^2/10^4$

100 Hertz and 300 Hertz

$f^{3.3}/10^{6.6}$

REGULATIONS (cont'd)**F. Connections (cont'd)****5. Channel Derivation Devices**

Channel derivation devices which are used to create additional channels in accordance with a. and b. following may be connected to private line service subject to F.1, F.2, and F.3 preceding.

- a. Subject to normal transmission characteristics of the private line service ordered, the customer or authorized user may create additional channels from the service ordered through the use of channel derivation equipment located at his premises. Channel derivation equipment can be used with any service.
- b. The Company makes no representation as to: (1) the suitability of the channels it provides for such subdivision into additional channels by derivation equipment or (2) the suitability of the resultant derived channels for any communications purpose.

6. Connection of Services Furnished by the Company to the Same Customer

A private line service furnished by the Company may be connected to another private line furnished by the Company or by the Company and its Other Common Carriers or to another service provided by the Company as specified in a. through g. following and F.13 following.

- a. A private line service may be connected to another private line if the forms of electrical communication for which they are being used are the same. These private lines may be connected (1) at the premises of the customer, (2) at the premises of an authorized user with a common service point on both private lines.
- b. All connections will be made through channel switching arrangements provided by the Company or through switching equipment provided by the customer or authorized user, except as otherwise provided in b. following. (C)

(D)
(D)

- c. Channels created by the customer or authorized user in accordance with the provisions of F.5 preceding may be connected at the customer's or authorized user's premises: (C)

1. To channels of voice grade or less and furnished by the Company, and the channels created therefrom as authorized in F.5 preceding.

The connection of channels specified above is subject to the regulations contained in F.1, F.2 and F.3 preceding.

2. To entrance facilities furnished by the Company and to channels created therefrom as authorized in F.5 preceding.

The connection of channels specified above is subject to the regulations contained in F.1, F.2 and F.3 preceding.

REGULATIONS (cont'd)**F. Connections (cont'd)**

6. Connection of Services Furnished by the Company to the Same Customer (cont'd)
 - d. A voice frequency private line service for voice communication or other types of voice grade channels when used alternately for voice transmission and when in the voice mode, may be connected at PBX or other switching or connecting arrangements to long distance message telecommunications service, local exchange service or WATS access line to form a through connection over the private and exchange lines where facility conditions permit. It is not contemplated that more than one such type of connection will be established simultaneously and transmission is not represented as adapted to such connections.

When a two-point private line service or a multipoint private line service arranged for service solely between two points utilizing the above type channels is used for transmission of data, through connections over the private and exchange lines may also be established as described above.

- e. The telecommunications network may be used in conjunction with channels used for medium speed facsimile transmission to extend the transmission and reception of pictures and similar material for publication subject to the rates and regulations specified in Part 2, Section 2. No direct connection of the telecommunications network shall be made to the above type channels at the premises of the customer except where protective connection equipment is provided for this purpose by the Company.

REGULATIONS (cont'd)**F. Connections (cont'd)****7. Connection of Services Furnished by the Company to Different Customers**

A private line service furnished to a customer may be connected:

- With a private line service furnished to a branch or agency of the United States Government for the purposes specified under a. and b. following, provided such connection is authorized by the branch or agency to whose service the connection is made by means of a connecting arrangement furnished by the Company, or
- With a private line service, long distance message telecommunications service, local exchange service or WATS access line furnished to a different customer provided such connection is made at premises of an authorized user as specified in c. through f. following or, (C)
- As specified under g. through i. following when connections involve (1) channels used for program transmission in connection with loudspeakers and sound recording (2) channels of voice grade or less when these are furnished for data transmission to one customer with connection to channels created by another customers or (3) teletypewriter private lines furnished to the U. S. Army, which may be connected to Associated Press and United Press International private lines for teletypewriter transmission, used in establishing an Emergency Action Notification System.

Connections as specified above will be provided only when the same types of channels (except long distance message telecommunications service, local exchange service or WATS lines as set forth in d. and f. following are involved) are connected and the same forms of electrical communication are used over the connected channels.

- a. Where the private line service is furnished to the Government for teletypewriter transmission for the collection and dissemination of (a) weather information (b) miscellaneous airways information pertaining to the supervision of the flight of aircraft along the civil airways or (c) agricultural and farm market information, connection may be made as follows:
 1. Receiving Only Service - For reception of weather and miscellaneous airways information and agricultural and farm market information transmitted over the Government service to which it is connected.
 2. Sending and Receiving Service - For transmission of flight plans to and acknowledgment of such plans from the Government service to which connection is authorized.
- b. Where the private line utilizes a voice grade data channel and is furnished to the Government for data transmission for the collection and dissemination of weather information and for the collection and dissemination of data relating to national defense, connection may be made for such purposes.

REGULATIONS (cont'd)

F. Connections (cont'd)

7. Connection of Services Furnished by the Company to Different Customers (cont'd)

c. Reserved for future use

(C)

(D)

(D)

d. Reserved for future use

(C)

(D)

(D)

REGULATIONS (cont'd)

F. Connections (cont'd)

7. Connection of Services Furnished by the Company to Different Customers (cont'd)
 - e. A private line furnished to a customer may be connected to a "different" customer's private line if the "different" customer is an authorized user on the other customer's private line and provided that:
 1. All communications over the interconnected private lines are between the customers and relate directly to their business.
 2. Such connections be made through switching equipment provided by the customer or authorized user.
 3. Neither of the private lines is being furnished for foreign exchange service.
Such private lines shall include channels created by the customer in accordance with F.5 preceding.
 - f. A private line furnished to a customer may be connected to long distance message telecommunications service or local exchange service furnished to a different customer provided that:
 1. The customer for the long distance message telecommunications service or local exchange service is an authorized user of the other customer's private line.
 2. The connection shall be made through switching equipment provided by the customer or the authorized user.
 3. The connection shall be such that the functions of network control signaling are performed by equipment furnished, installed and maintained by the Company.
Such private lines shall include channels created by the customer in accordance with F.5 preceding.

(D)
(D)

- g. Private lines used for teletypewriter transmission furnished to the U. S. Army may be connected to private lines used for teletypewriter transmission to the Associated Press and United Press International for the purpose of establishing an Emergency Action Notification System provided that said customers agree to such connection. Connections will be made by means of switching arrangements furnished by the Company. (C)

REGULATIONS (cont'd)**F. Connections (cont'd)****8. Connection of Services Furnished by the Company with Services of Other Common Carriers**

The connection of services furnished by the Company with service of Other Carriers shall be in accordance with the rules and regulations found in the Access Services Guidebook and other sections of this guidebook.

(C)

9. Connection to a Digital Link Service

- a. Connection to a Digital Link Service of customer-provided terminal equipment, or a communications system which does not have the capability to transmit signals with encoded analog content, may be connected to the telecommunications network or to a Category I or Category III private line circuit via a Digital Link Service. All connections to a Digital Link Service are made at the Company provided Demarcation Point and must be made in accordance with the following regulations.
- b. Connection of customer-provided terminal equipment - Terminal equipment may be connected to a Digital Link Service through, or in combination with, channel derivation equipment. If the connection provides the capability to transmit signals with encoded analog content via the Digital Link Service to the telecommunications network or to a Category I or Category III private line circuit, it must be connected in accordance with the FCC Registration Program.

In addition, when voice-band data terminal equipment is used with the channel derivation equipment the voice-band data terminal equipment must comply with Part 68 of the FCC's Rules and Regulations to ensure continued billing integrity.

- c. Registration Program - Effective June 30, 1987, Part 68 of the Federal Communications Commission's Rules and Regulations (Registration Program) were amended to require registration of customer provided equipment directly connected to certain digital services after that date. The equipment must also comply with the requirements of Technical Reference Publications 62411 and/or 62310.
- d. Grandfathered Equipment - Terminal equipment, including its premises wiring and protective apparatus (if any) and multiline terminating systems that were directly connected to digital services as of January 2, 1986 may remain connected and be reconnected to such digital services for the life of the equipment without registration unless subsequently modified.
- e. Interim Program - During the pendency of Rulemaking for connection of terminal equipment to digital services, the Federal Communications Commission agreed to allow equipment to be connected under an Interim Program established by the Company. Any terminal equipment or multiline terminating system connected pursuant to this Interim Program may require modification at the owner's expense in response to Part 68 of the Rules.
- f. Extraordinary Procedures - The Company may invoke extraordinary procedures to protect a Digital Link Service. The extraordinary procedures applied will be the same as those for connection of a communications system to a circuit (see Extraordinary Procedures, F.4.d.1.f.).

REGULATIONS (cont'd)**G. Method of Applying Rates**

1. The method of applying rates for certain other private line services are determined as set forth as follows: Extension Services in Part 15, Section 2; and Entrance Facilities, in this Section. (C)
(C)
2. The method of applying rates for Interexchange and Intraexchange private line service involving two-point and multipoint services for Series 100, Series 200 and Series 400 are determined as follows. (C)

a. Local Channel**Two-Point**

A local channel charge shall apply for the first channel termination, per service, involved on a customer or authorized user's premises. The following have only one local channel 414B, 414C, 415, 417, 432, 437, 442 and 443. (C)
(D)

Multi-Point

In addition to applicable private line service charges, a bridging charge, per channel bridged, applies when three or more voice grade channels connect at the same location. Bridging charges do not apply to Foreign Exchange, Foreign Serving Office and types 428, 415, 417, 432, 437, 442 and 443. (C)

b. Services Between Premises Not More Than One Mile Apart

Two-point services with a minimum of 15 channels and 5/10 mile or less between premises, which are served by Direct Wire Facilities not routing through a serving office refer to Part 20, Section 15 of this Guidebook for rates and charges.

c. Interoffice Channel^{/1/}**Two-Point**

Intraexchange - When station locations of an intraexchange private line service are located in different serving office areas, interoffice mileage charges apply. Charges are based on the V & H distance between the serving offices.

Interexchange - When a station location of an interexchange intraLATA private line service is located in an area served by a serving office that is not also the primary serving office, interoffice mileage charges apply. Charges are based on the V & H distance between the primary serving office and the serving office.

Multi-Point

Each channel connecting primary serving offices with serving offices, or serving offices with serving offices is considered a separate channel for which mileage is independently computed. Mileage will be for in a manner that results in the lowest possible total channel charges unless the customer requests special routing. Bridging charges per channel bridged apply when three or more voice grade channels connect at the same location. Bridging charges do not apply to Foreign Exchange, Foreign Serving office, and types 428, 415, 417, 432, 437, 442 and 443. (C)

^{/1/} Fractional V & H miles are to be considered whole V & H miles.

REGULATIONS (cont'd)**G. Method of Applying Rates (cont'd)**

2. (cont'd)
 - d. Channel Terminals

Channel Terminal charges apply at (1) each termination of an intraLATA interexchange channel and (2) each termination of an interoffice channel.

- e. Interexchange IntraLATA Channel^{/1}

Two-Point

When Station Locations of a private line service are located in different exchanges or metropolitan exchanges, interexchange intraLATA mileage charges apply.

Each exchange and each zone of a Metropolitan Exchange has one primary serving office. Charges are based on the V & H distance between primary serving offices.

Multi-Point

Each channel connecting primary serving offices is considered a separate channel for which mileage is independently computed. Mileage will be charged in a manner that results in the lowest possible total channel charges unless the customer requests special routing. Bridging charges per channel bridged, apply when three or more voice grade channels connect at the same location. Bridging charges do not apply to Foreign Exchange, and types 415, 417, 432, 437, 442 and 443.

(C)

- f. Special Routing

The private line services furnished under this guidebook are provided over such routes as the Company may elect. Special routing is involved where, to comply with requirements specified by the customer, the Company furnishes the private line service via serving offices and/or primary serving offices other than those through which the service would normally be routed. Each channel connecting serving offices and/or primary serving offices is considered a separate channel for which charges are independently computed. Special routing will be provided only where suitable facilities are available.

/1/ Fractional V & H miles are to be considered whole V & H miles.

REGULATIONS (cont'd)**G. Method of Applying Rates (cont'd)**

2. (cont'd)

g. Additional Point of Termination of a Local Channel in Different Buildings (Same Premises)
(Obsolete to Existing Installations at Existing Locations for Existing Customers)

An additional local channel charge, as provided in Part 15, Section 2, will apply for each termination of a local channel at an additional station location in a different building on the same premises.

When all station locations of a single private line service are located in different buildings on the same premises, the charge for the channel between each pair of buildings shall be the same as the charge for extending a local channel to a station location in different buildings on the same premises as specified in Part 15, Section 2.

h. Additional Point of Termination in Same Building (Obsolete to Existing Installations at Existing Locations for Existing Customers)

An additional local channel charge, as provided in Part 15, Section 2, will apply for each termination of a local channel at an additional station location in the same building.

i. Same Building^{/1}

When all station locations of a private line service are in the same building, same building charges as provided in Part 15, Section 2 apply.

j. Exceptions

In those cases where an intraexchange service has stations in Arkansas and another Southwestern Bell state, the method of applying rates in G.1 and G.2 is modified to apply the charges for that portion of the Private Line Service located in the other state pursuant to that state's guidebook.

k. Bridging

Bridging charges per channel bridged apply when three or more voice grade channels connect at the same location. Bridging charges do not apply to Foreign Exchange, Foreign Serving Office, types 415, 417, 432, 437, 442 and 443.

(C)

/1/ Obsolete to existing installations at existing locations for existing customers.

REGULATIONS (cont'd)**G. Method of Applying Rates (cont'd)**

2. (cont'd)

I. Special Routing of Channels

The private line services furnished under this Guidebook are provided over such routes as the Company may elect.

Special routing is involved where, in order to comply with requirements specified by the customer, the Company furnished the private line service via serving offices and/or primary serving offices other than those through which the service would normally be routed.

Each channel connecting serving offices and/or primary serving offices is considered a separate channel for which charges are independently computed as provided in Part 15, Section 2.

Special Routing will be provided only where suitable facilities are available.

m. Signaling

Signaling charges for Series 400 channels are applicable per point of termination.

Rates and charges are found in Part 15, Section 2.

Local Channel Type 428 requires Type A, B or C Loop Signaling, except for the following.

Loop signaling is optional on Type 428 local channels associated with grandfathered PBX (or similar) switching systems.

Local Channel Type 424 requires E&M Signaling, except for the following.

E&M Signaling is optional on Type 424 local channels terminating in a grandfathered PBX (or similar) switching system.

n. Service Charges

A charge applies per point of termination installed or moved as provided in Section 2 following. Those services with one local channel shall be billed as provided in Section 2 following.

For the Voice Grade Services listed below Service Connection, Move and Change Charges as found in Part 3, Section 1 also are applicable:

Foreign Exchange	Type 415
Foreign Serving Office	Type 415
Residence & Business Extension Lines	

REGULATIONS (cont'd)**G. Method of Applying Rates (cont'd)**

3. Determination of V & H Mileages
 - a. Obtain the "V" and "H" coordinates for each primary serving office or serving office.
 - b. Obtain the difference between the "V" coordinates of the two primary serving offices or serving offices. Obtain the difference between the "H" coordinates.

NOTE: The difference is always obtained by subtracting the smaller coordinate from the larger coordinate.
 - c. Square each difference obtained in b. above.
 - d. Add the squares of the "V" differences and the "H" difference obtained in c. above.
 - e. Divide the sum of the squares obtained in d. above by 10.
 - f. Obtain the square root of the result obtained in e. above. This is the rate distance in miles (fractional miles being considered as full miles).

Example:

The rate distance is required between Little Rock, Arkansas and Conway, Arkansas.

	<u>V</u>	<u>H</u>
Little Rock	7721	3448
Conway	7666	3508
Difference	55	60
Squared	3025	+ 3600 = 6625
$\frac{6625}{10}$	= 25.7 = 26 miles	

H. Change in Service Arrangement

If a modification of use causes a service to be re-designated from an Exchange status to Access status, such a change is allowed without incurring Termination Charges given the following conditions are met:

- There must be no change in service locations
- The new Term Pricing Plan (TPP) must be equal to or longer than the remaining time in the existing TPP

Upgrades are permitted subject to underlying product guidebooks.

Nonrecurring charge associated with the service under the new jurisdiction may apply.

CHARGES RELATED TO CUSTOMER ACTIVITY**A. Customer Account Record**

Charges for duplicate copies of a customer's bill are as specified in Part 2, Section 2 of this Guidebook

B. Deposits

Deposits from applicants, deposits from customers and deposits due to bankruptcy are determined in accordance with Section 4 of the Arkansas Public Service Commission's Telecommunications Providers Rules.

C. Late Payment Charge

Applicable late payment charges are found in Part 2, Section 2 of this Guidebook.

D. Return Check Charge

The charge for a returned check is as specified in Part 2, Section 2 of this Guidebook.

E. Collection Fee

Applicable collection fees are found in Part 2, Section 2 of this Guidebook.

F. Reconnection Fee

Applicable reconnection fees are found in Part 2, Section 2 of this Guidebook.

G. Finance Charge on Delayed Payment Agreements

Applicable finance charges are found in Part 2, Section 2 of this Guidebook.

MISCELLANEOUS**A. Exemptions Granted**

Amendments or exemptions to the Arkansas Public Service Commission's Rules of Practice and Procedure may be granted by the Commission. Any amendment or exemption will be located in Part 2, Section 2 of this Guidebook.

B. Extended Due Date Policy

The Company's Extended Due Date Policy can be found in Part 2, Section 2 of this Guidebook.

C. Extended Absence Payment Plan

The Company's Extended Absence Payment Plan can be found in Part 2, Section 2 of this Guidebook.

D. Change in Service Arrangement

If a modification of use causes a service to be re-designated from an Exchange status to Access status, such a change is allowed without incurring Termination Charges given the following conditions are met:

1. There must be no change in service locations.
2. The new Term Pricing Plan (TPP) must be equal to or longer than the remaining time in the existing TPP.

Upgrades are permitted subject to underlying product related Guidebook regulations.

Nonrecurring charges associated with the service under the new jurisdiction may apply.